

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application)
 Applicant: Shimizu et al.)
 Serial No. 09/813,692)
 Conf. No. 3442)
 Filed: March 21, 2001)
 For: MAGNETORESISTIVE FILM)
 HAVING NON-MAGNETIC)
 SPACER LAYER OF REDUCED)
 THICKNESS)
 Art Unit: 1773)
 Examiner: Uhlir, Nikolas J.)

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

August 11, 2004

Date

F-CLASS WCM
Appr. February 20, 1998


Registration No. 47,954

Attorney for Applicant

Mail Stop AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Dear Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	9	20	=	x \$18.00	= \$
Independent Claims	2	3	=	x \$84.00	= \$
Fee for Multiple Dependent Claims				\$280.00	= \$
Total Additional Fee					\$
Small Entity Fee (reduced by half)					\$ 0

(X) Amendment C.

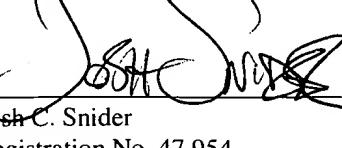
(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

August 11, 2004
Customer Number 24978
 300 South Wacker Drive
 Suite 2500
 Chicago, Illinois 60606
 Telephone: (312) 360-0080
 Facsimile: (312) 360-9315
 P:\DOCS\2500\65339\636750.DOC

Respectfully submitted,
GREER, BURNS & CRAIN, LTD.

By:


Josh C. Snider

Registration No. 47,954



2500.65339

1723
Jew

PATENT

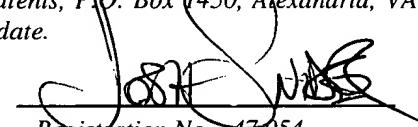
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:)
Applicant(s): Shimizu et al.)
Serial No. 09/813,692)
Conf. No.: 3442)
Filed: March 21, 2001)
For: MAGNETORESISTIVE FILM)
HAVING NON-MAGNETIC)
SPACER LAYER OF REDUCED)
THICKNESS)
Art Unit: 1773)
Examiner: Uhlir, Nikolas J.)

I hereby certify that this paper is being deposited with the
United States Postal Service as FIRST-CLASS mail in an
envelope addressed to: Mail Stop AMENDMENT,
Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450, on this date.

August 11, 2004

Date


Registration No. 47,954

Attorney for Applicant(s)

AMENDMENT C

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 11, 2004, please amend the
above-identified Application as follows: